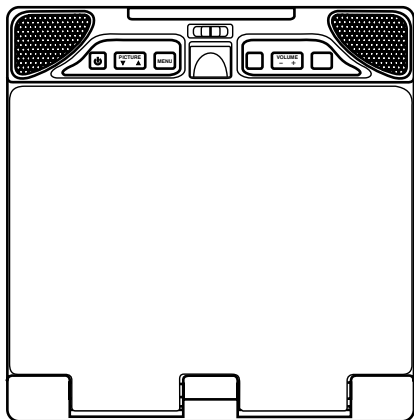




**AUDIOVOX®**  
ELECTRONICS CORP.



**VOH1041DL**  
**10.4" LCD**  
**OVERHEAD**  
**MONITOR**

*Mobile*  
**VIDEO**

**OWNER'S**  
**MANUAL**

## **IMPORTANT NOTICE**

It is unlawful in most jurisdictions for a person to drive a motor vehicle which is equipped with a video monitor viewer or screen that is located in the motor vehicle at any point forward of the back of the driver's seat, or that is visible, directly or indirectly, to the driver while operating the vehicle. In the interest of safety, the VOH1041DL should never be installed where it will be visible, directly or indirectly, by the operator of the motor vehicle.

## **FEATURES**

Congratulations on your purchase of the Audiovox VOH1041DL drop down Video Monitor. The VOH1041DL has been designed to give you and your family many years of video entertainment in the mobile environment. Please read the directions that follow to familiarize yourself with the product and to ensure that you obtain the best results from your equipment.

**NOTE:** Installation options vary. See the individual Owner's Manuals for each component in your system to obtain a full understanding of each component's operation.

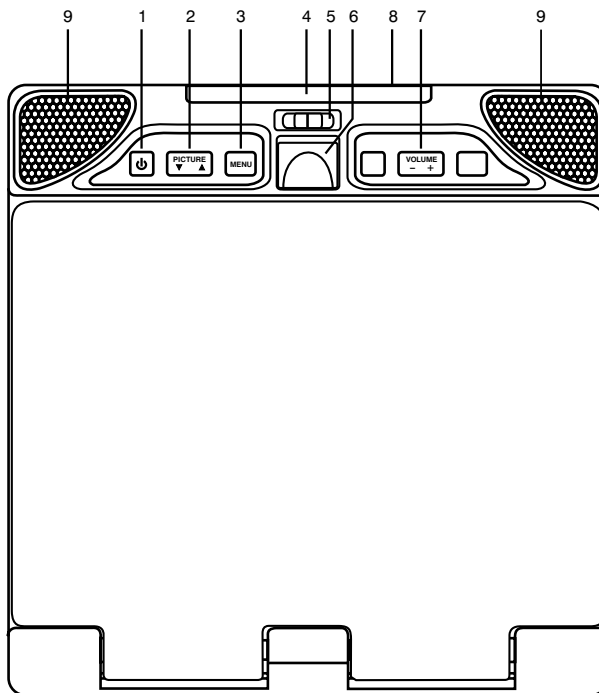
### **SAFETY PRECAUTION**

For safety reasons, when changing Video Media it is recommended that the vehicle is not in motion, and that you do not allow children to unfasten seat belts to change Video Media or make adjustments to the system. System adjustments can be accomplished using the Remote Control while seat belts remain fastened. Enjoy your Audiovox entertainment system but remember safety of all passengers remains the number one priority.

- 10.4" TFT (Thin Film Transistor) Active Matrix LCD (Liquid Crystal Display) Monitor
- OSD (On Screen Display) For Control Of Picture Quality And Functions
- Full Function Remote Control
- Remote Sensor Eye
- Two Audio / Video Inputs
- Speaker Amplifier
- Back-Lit Controls For Low Light Operation
- Infrared Wireless Headphone Transmitter
- Dual Dome Lights
- RF Transmitter jack (for use with optional RF Transmitter) ( Part # WTXRF01)

# FRONT PANEL FEATURE

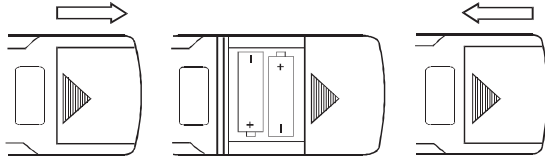
Figure 1



## FRONT PANEL FEATURES – See Figure 1

1. **Power Button** – (Bright red when system is ON, dim when system is OFF).
2. **Picture Up/Down** – Press these buttons to make adjustments in the picture select mode and to change sources in input Select mode.
3. **Menu** – Press the MENU button. The MENU display appears. Use the MENU button to highlight the desired function.
4. **Sensor Eye** – Allows remote control of the VOH1041DL's OSD system (On Screen Display) and for control of Video Media Player and other accessories.
5. **Three Position Dome Light Switch**
  - Auto – Automatically switches on the dome lights in conjunction with the vehicle's interior illumination.
  - Off – The Dome lights will not turn on in this position.
  - On – Turns on the Dome lights.
6. **Screen release** – Slides in the direction of the arrow to release the drop down screen.
7. **Volume Up/Down** – Controls volume to external Speakers or headphone jacks if connected.
8. **Infrared Transmitter** – Used to transmit audio to Wireless Headphones.
9. **Dome Lights** – Provide additional interior illumination.

## REMOTE CONTROL OPERATION



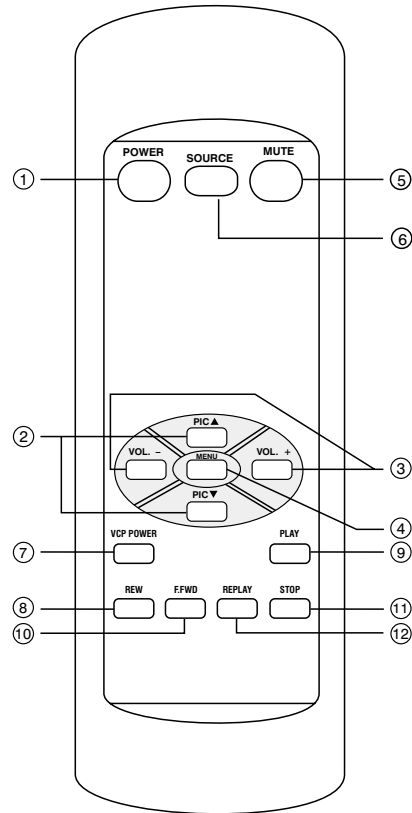
### BATTERY INSTALLATION

Before attempting to operate the Remote Control, install the batteries as described below.

- 1) Turn the Remote Control face down. Press down on the ridged area of the battery cover, and slide it off.
- 2) Install Two “AAA” batteries as shown. Make sure that proper polarity (+ or -) is observed.
- 3) Slide the cover back until it clicks into position.

The Remote Control will operate the VOH1041DL, and Audiovox VCP's. It is not a universal remote control and will not control equipment from other manufacturers.

If a universal Remote Control is used with the VOH1041DL, choose the remote control encoding scheme for Audiovox Televisions when programming the remote.



## REMOTE CONTROL OPERATION

### Monitor Controls :

#### 1. POWER

Press this button to turn on the set. Press the button again to turn the VOH1041DL off.

#### 2. PICTURE UP/DOWN BUTTONS

Use these buttons to make adjustment in the picture select mode and AV source select.

#### 3. VOLUME UP/DOWN BUTTONS

Use these buttons to raise or lower the volume level of the External Speakers or headphone jacks if installed.

#### 4. MENU Button

Press the MENU button. The MENU display appears. Use the MENU button to highlight the desired function.

#### 5. MUTE Button

Press this button to turn the TV sound off. Press the button again to restore the sound to the previously set level. MUTE may also be released by pressing the VOLUME +/-.

#### 6. SOURCE Button

Press this button to select AV1 or AV2.

### VCP Controls

#### 7. VCP POWER BUTTON

This button is used to turn an optional AUDIOVOX VCP ON and OFF.

#### 8. "REW" REWIND BUTTON\*

If this button is pushed while the tape is stopped, the tape will rewind. If this button is pushed while the tape is playing, the VCP will go into rewind search mode.

#### 9. PLAY BUTTON\*

Press this button to activate play mode while a Video Tape is loaded into the VCP. This button may also be used to disengage search and pause modes. For more information, consult the VCP owner's manual.

#### 10 "FFWD" FAST FORWARD BUTTON\*

If this button is pushed while the tape is stopped, the tape will fast forward. If this button is pressed while the Video Tape is playing, the VCP will go into fast forward search mode.

#### 11. STOP BUTTON\*

Press this button to stop the Video Tape.

#### 12. REPLAY BUTTON\*

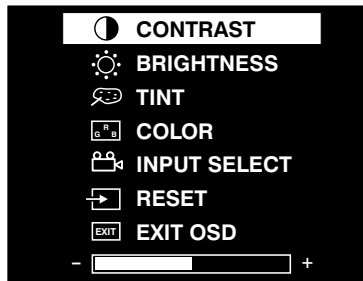
Pressing this button will rewind the Video Tape and immediately begin playback when the Video Tape is fully rewound.

\*Consult the VCP owner's manual for more information.

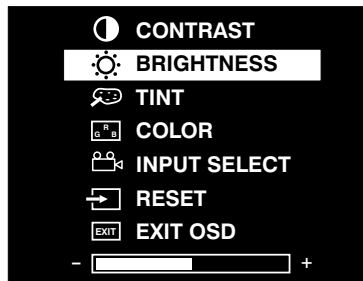
## ADJUSTING THE PICTURE

When watching the VOH1041DL, the quality of the picture can be adjusted to suit your taste.

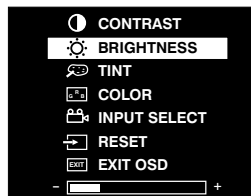
1. Press MENU. The menu appears as below.



2. Select the item to adjust. For example :  
To adjust brightness, press MENU until the highlight bar is on BRIGHTNESS.



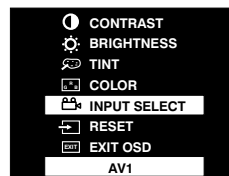
3. Adjusting the level :  
a) Press PICTURE ▼ to decrease the brightness.



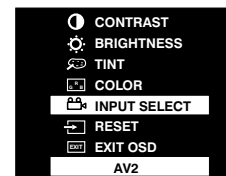
- b) Press PICTURE ▲ to increase the brightness.



4. To select INPUT SELECT, press MENU until the highlight bar is on INPUT SELECT, press PICTURE ▲ or ▼ to select either AV1 or AV2.



Press either  
PICTURE ▲  
or ▼ to select  
AV2





5. To adjust other items, repeat all of the above.  
**Note :** The menu display disappears from the screen if you do not press any key within a few seconds.

### Description Of Adjustment Items :

ITEM	Adjustment	
	Press PICTURE ▲ to	Press PICTURE ▼ to
<b>CONTRAST</b>	Decrease picture contrast for soft color	Increase picture contrast for vivid color
<b>BRGHTNESS</b>	Darken the picture	Brighten the picture
<b>TINT</b>	Make skin tones becomes Reddish	Mark skin tones becomes Greenish
<b>COLOR</b>	Decrease color intensity	Increase color intensity

### **To restore the factory settings**

Select picture while the main menu is displayed. Then highlight “RESET” and press either PICTURE ▲ or ▼. All the picture functions (CONTRAST, BRIGHTNESS, TINT, COLOR) will go back to the factory settings.

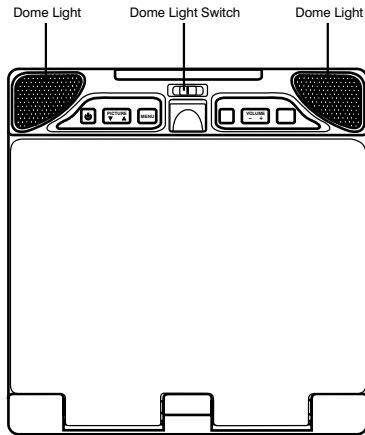
### **TURNING THE VOH1041DL ON AND OFF**

1. Sliding the screen release lock forward will unlock the screen and it will drop down slightly. (Pivot the screen downward until a comfortable viewing angle is reached). After the unit has been turned on and is displaying a picture, adjustment to the viewing angle can be made by pivoting the screen to optimize the picture quality. The internal friction detent will hold the screen in position while the system is in use.
2. Pressing the power button on the pod or remote will alternately turn the system on or off. When in use the internal back lighting will illuminate the controls.
3. Remember to turn the unit off and pivot the display screen to the locked position when not in use.

## OPERATION

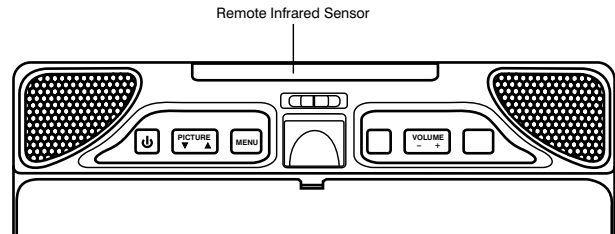
### OVERHEAD DOME LIGHTS

A three-position slide switch controls the Dome Lights on the VOH1041DL. Sliding the switch to the ON position will turn the Dome Lights ON. The OFF position will prevent the Dome Lights from turning on at all times and the auto position will allow the Dome Lights to turn ON and OFF with the vehicle's interior lighting. Do not leave the vehicle unattended with the Dome Lights switch in the ON position, as this could result in a discharged battery.



### REMOTE INFRARED SENSOR/REPEATER

The VOH1041DL incorporates a Infrared Sensor which relays the signals from the Remote Control to allow the VOH1041DL to be controlled simply by pointing it's Remote Control at the remote sensor. This provides control of auxiliary equipment such as an Audiovox VCP or DVD Player. The Remote Infrared Sensor can relay signals from most manufacturers Remote Control to its respective component connected to the Video 1 and 2 inputs. In this case you must use the Remote Control supplied with the other manufacturers component.



## **OPTIONAL ACCESSORIES**

### **WIRELESS HEADPHONES**

The VOH1041DL includes a built in Infrared Transmitter for use with Audiovox Wireless Headphones (P/N MVIRHS). Turning the Headphone switch ON will activate the internal IR Receiver, the volume can then be adjusted using the controls on each headset. Any number of wireless headphones can be used, but all must be within a line of sight from the transmitter, as infrared transmissions, like visible light travel only in a straight line.

The VOH1041DL has a Jack labeled “to FM Transmitter”, this Jack is for connection of an optional Audiovox RF Transmitter (P/N WTXRF01). This Transmitter is for use with the Audiovox Wireless RF Headphones (P/N WHPRF01).

Consult the documentation accompanying the Audiovox Wireless Headphones for more information.

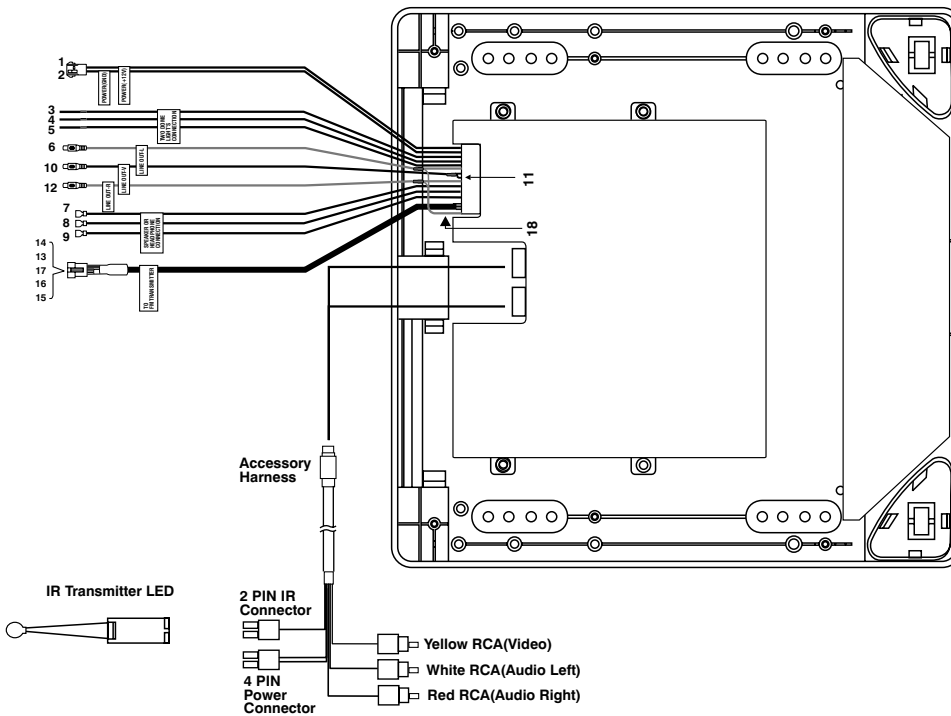
### **WIRED FM MODULATOR (P/N FMM100)**

Your video system may be equipped with an optional RF modulator (Audiovox FMM100), that allows you to listen to the VOH1041DL’s audio signal by tuning your vehicle’s radio to the selected frequency, (88.7 or 89.1- check with your installer) and turning on the remote mounted RF modulator switch. (In most cases this toggle switch will be located underneath the driver’s side of the dash, check with your installer for the exact location.) Whenever the RF Modulator is ON, broadcast radio reception will be poor. Turning the remote mounted toggle switch OFF will allow for normal radio reception.

### **VIDEO OUTPUT**

The VOH1041DL provides a video output for an optional Video monitor(s). This output will provide a video signal that duplicates the signal displayed by the VOH1041DL to an additional Monitor or Video display. Please see your installer for more information.

# TYPICAL SYSTEM CONNECTIONS



Negative Dome Light Switching	
Lamp Auto	Purple/Brown
Constant 12V	Black/Red
Lamp On	Red/Black

Positive Dome Light Switching	
Lamp Auto	Purple/Brown
Ground	Black/Red
Lamp On	Red/Black

PIN 1 - Power -Red
PIN 2 - Power GND -Black
PIN 3 - Dome Light Auto -Purple/Brown
PIN 4 - Lamp Common -Black/Red
PIN 5 - Dome Light On -Red/Black
PIN 6 - Line Out (L) -White
PIN 7 - Spk Out (R) -Green
PIN 8 - Spk Out-GND -Black
PIN 9 - Spk Out (L) -Grey
PIN 10 - Video Out -Yellow
PIN 11 - Video GND -Black
PIN 12 - Line Out (R) -Red
PIN 13 - Power 12V(FM Trans.) -Red
PIN 14 - Power GND (FM Trans.) -Black
PIN 15 - Audio (L) Out (FM Trans.) -White
PIN 16 - Audio GND (FM Trans.) -Black
PIN 17 - Audio (R) Out (FM Trans.) -Red
PIN 18 - Line Out GND -Black

## Troubleshooting

PROBLEM	SOLUTION
Poor radio reception (FM modulator installed)	<ul style="list-style-type: none"> <li>• Check the condition of the vehicle's radio antenna.</li> <li>• Verify that the antenna is fully raised</li> <li>• If a wired RF modulator has been installed, verify that it's switch is turned to the off position</li> </ul>
IR sensor inoperative	<ul style="list-style-type: none"> <li>• Verify that the batteries in the remote are fresh</li> <li>• Verify that the remote eye is not obstructed.</li> <li>• Verify that the infrared transmitter is affixed over the sensor eye of the component to be controlled</li> </ul>

## Specifications

LCD Brightness	300 nits (min)
Resolution SVGA	800 x 600
Operation Temperature	-10 ~ 65° C (14 ~ 149° F)
Storage Temperature	- 40 ~ 85° C (-40 ~ 185° F)
Video Display System	NTSC/PAL
Audio Output	1W @ 16Ω
Current Draw	2A
Weight	4.6 Lbs
Overall Dimensions	2.2 x 11 x 11.2 Inch (H x W x D)
Voltage	12VDC



## 12 MONTH LIMITED WARRANTY

*Applies to Audiovox Mobile Video Products*

AUDIOVOX ELECTRONICS CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, to costs incurred for installation, removal or reinstallation of the product, or to damage to tapes, discs, speakers, accessories, or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 48 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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